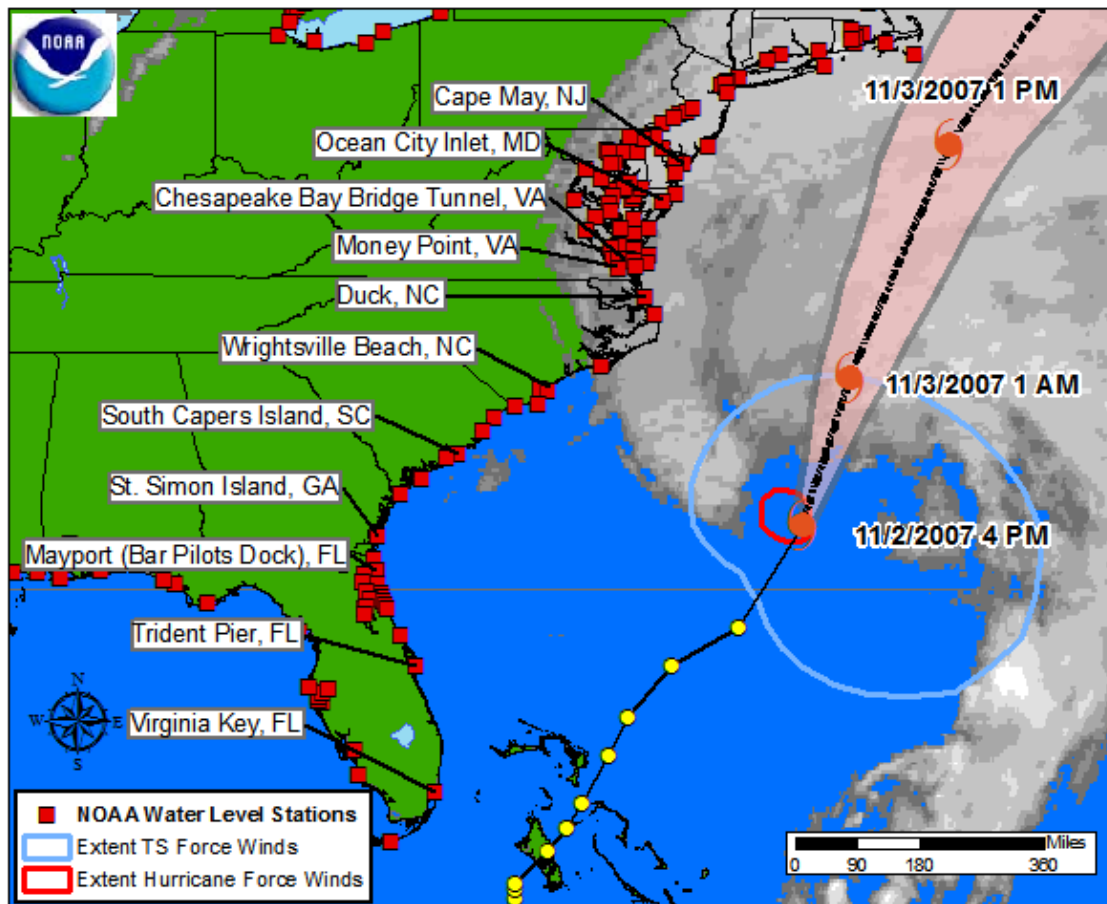




Hurricane NOEL QUICKLOOK  
Posted: 18:00 EDT 11/02/2007

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

Water levels along the east coast of the U.S. are above predicted in multiple locations from Florida to New Jersey.

Water level and meteorological plots available below are updated automatically. Water level observations on Mean Lower Low Water as of 11/02/2007 18:00 EDT are:

Virginia Key, FL: 0.92 ft (0.28 m) above predicted. Next high tide Sat 11/03/2007 04:36 EDT 2.3 ft (0.7 m).

Trident Pier, FL: 1.29 ft (0.39 m) above predicted. Next high tide Sat 11/03/2007 03:36 EDT 3.5 ft (1.1 m).

Mayport (Bar Pilots Dock), FL: 1.48 ft (0.45 m) above predicted. Next high tide Sat 11/03/2007

04:24 EDT 4.8 ft (1.46 m).

St. Simon Island, GA: 0.70 ft (0.21 m) above predicted. Next high tide Sat 11/03/2007 04:00 EDT 6.5 ft (2.0 m).

South Capers Island, SC: 1.62 ft (0.49 m) above predicted. Next high tide Sat 11/03/2007 03:30 EDT 4.7 ft (1.4 m).

Wrightsville Beach, SC: 0.87 ft (0.27 m) above predicted. Next high tide Sat 11/03/2007 02:48 EDT 3.8 ft (1.2 m).

Duck, NC: 1.74 ft (0.53 m) above predicted. Next high tide Sat 11/03/2007 03:24 EDT 3.1 ft (.94 m).

Money Point, VA: 1.83 ft (0.56 m) above predicted. Next high tide Sat 11/03/2007 05:00 EDT 2.7 ft (0.8 m).

Chesapeake Bay Bridge Tunnel, VA: 1.67 ft (0.51 m) above predicted. Next high tide Sat 11/03/2007 04:12 EDT 2.4 ft (0.73 m).

Ocean City, MD: 1.21 ft (0.37 m) above predicted. Next high tide Sat 11/03/2007 03:48 EDT 1.9 ft (0.58 m).

Cape May, NJ: 0.98 ft (0.30 m) above predicted. Next high tide Sat 11/03/2007 04:24 EDT 4.3 ft (1.3 m).

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**SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:**

**...NOEL BECOMING A STRONG EXTRATROPICAL CYCLONE...**

**A GALE WARNING REMAINS IN EFFECT FOR BERMUDA.**

**AT 500 PM EDT THE CENTER OF HURRICANE NOEL WAS LOCATED NEAR LATITUDE 31.4 NORTH LONGITUDE 72.4 WEST OR ABOUT 450 MILES WEST OF BERMUDA AND ABOUT 320 MILES SOUTHEAST OF CAPE HATTERAS NORTH CAROLINA.**

**NOEL IS MOVING TOWARD THE NORTHEAST NEAR 20 MPH. IT IS EXPECTED TO ACCELERATE TOWARD THE NORTH-NORTHEAST DURING THE NEXT 24 HOURS.**

**MAXIMUM SUSTAINED WINDS ARE NEAR 80 MPH WITH HIGHER GUSTS. NOEL IS TRANSITIONING TO A STRONG EXTRATROPICAL CYCLONE.**

**LITTLE CHANGE IN STRENGTH IS FORECAST DURING THE NEXT 24 HOURS.**

**HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 70 MILES FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 345 MILES. THE CYCLONE IS EXPECTED TO INCREASE IN SIZE DURING THE NEXT 24 HOURS.**

**THE MINIMUM CENTRAL PRESSURE ESTIMATED FROM RECONNAISSANCE DATA WAS 980 MB**

**NOEL IS EXPECTED TO PRODUCE RAINFALL AMOUNTS OF 2 TO 4 INCHES...WITH ISOLATED MAXIMUM TOTALS TO 6 INCHES ACROSS EASTERN NEW ENGLAND.**

**THIS IS THE LAST PUBLIC ADVISORY ISSUED BY THE NATIONAL HURRICANE CENTER ON THIS SYSTEM.**

**FORECASTER LANDSEA/FRANKLIN**

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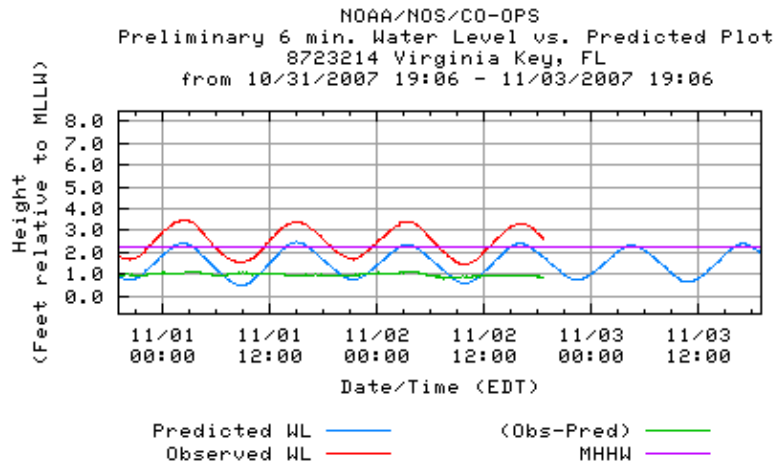
**For additional data and more information on the Storm QuickLook product, please visit the Center for Operational Oceanographic Products & Services website.**

**Water Level Analyst: LEF**

For the purpose of timely release, data contained within this QUICKLOOK have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Virginia Key - Water Level](#), [Trident Pier - Water Level](#), [Trident Pier - Winds](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [St.Simons Island - Water Level](#), [South Capers Island - Water Level](#), [South Capers Island - Winds](#), [South Capers Island - Barometric](#), [Wrightsville Beach - Water Level](#), [Duck - Water Level](#), [Duck - Winds](#), [Duck - Barometric](#), [Money Point - Water Level](#), [Chesapeake Bay Bridge Tunnel - Water Level](#), [Chesapeake Bay Bridge Tunnel - Winds](#), [Chesapeake Bay Bridge Tunnel - Barometric](#), [Ocean City Inlet - Water Level](#), [Cape May - Water Level](#),

**Virginia Key, FL - Station Map** [Return to List](#)

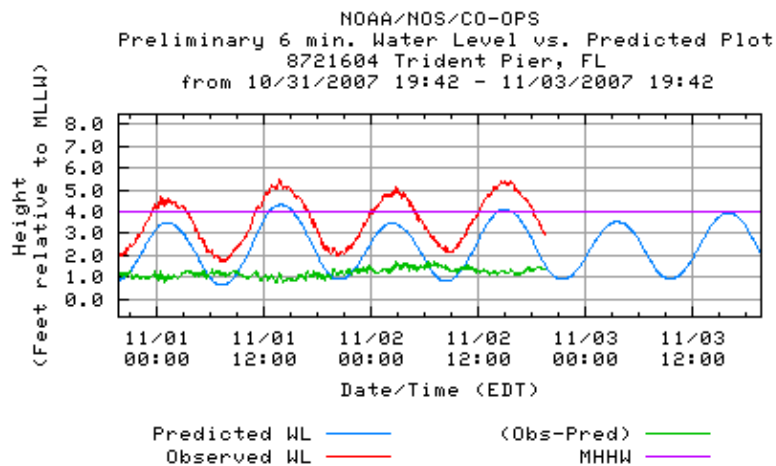


Last Observed Sample: 11/02/2007 18:42 (EDT)

Relative to **MLLW**: **Observed: 2.63 ft. Predicted: 1.78 ft. Residual: 0.85 ft.**

Historical Maximum Water Level: 11/15/1994, 1.9 ft. above **MHHW**

**Trident Pier, FL - Station Map** [Return to List](#)

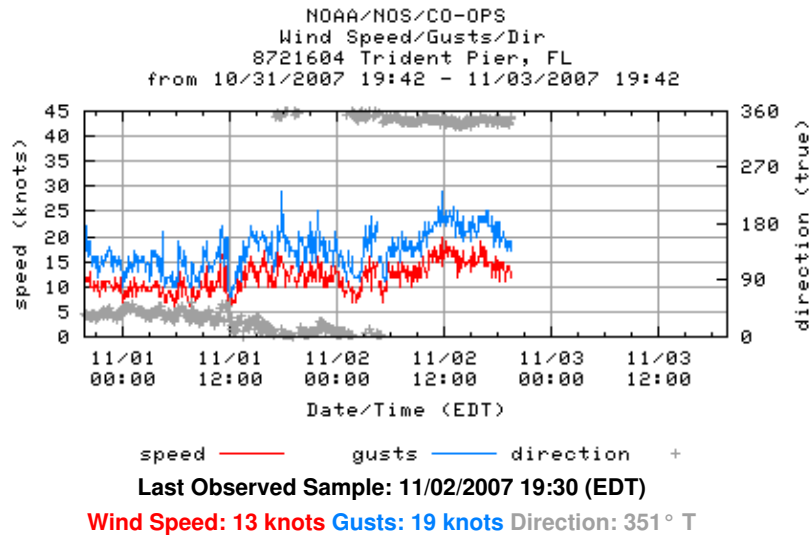


Last Observed Sample: 11/02/2007 19:30 (EDT)

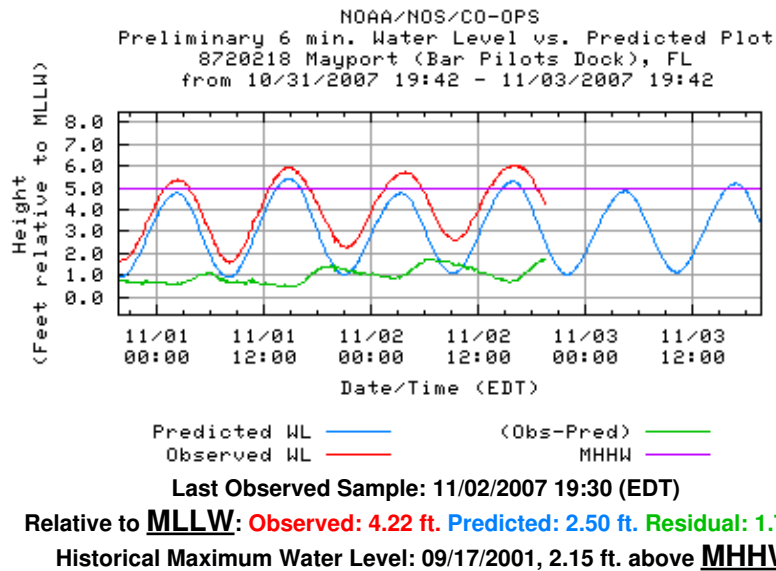
Relative to **MLLW**: **Observed: 2.91 ft. Predicted: 1.55 ft. Residual: 1.36 ft.**

Historical Maximum Water Level: 09/16/2001, 2.28 ft. above **MHHW**

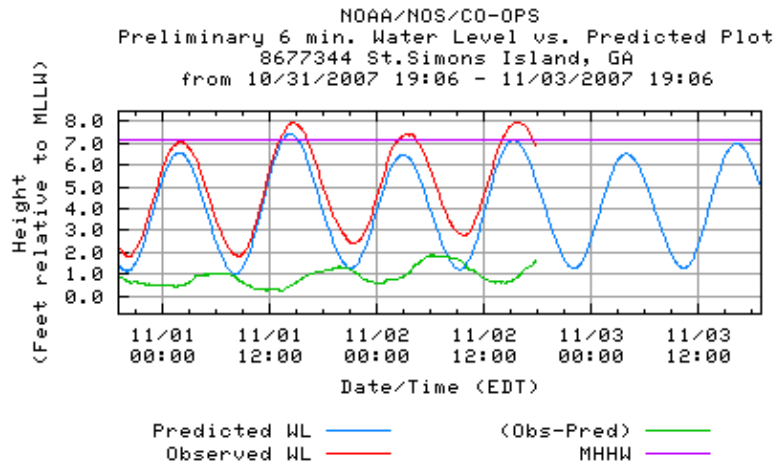
**Trident Pier, FL - Station Map** [Return to List](#)



**Mayport (Bar Pilots Dock), FL - Station Map** [Return to List](#)



**St.Simons Island, GA - Station Map** [Return to List](#)

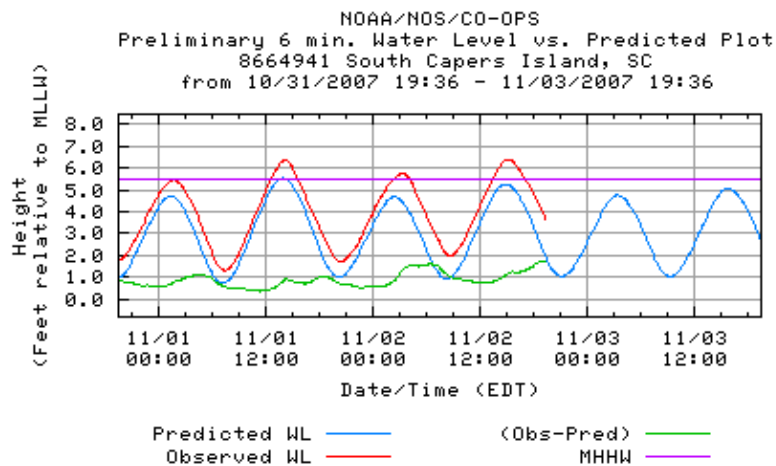


Last Observed Sample: 11/02/2007 17:54 (EDT)

Relative to **MLLW**: **Observed: 6.85 ft. Predicted: 5.25 ft. Residual: 1.60 ft.**

Historical Maximum Water Level: 07/22/2001, 2.41 ft. above **MHHW**

**South Capers Island, SC - Station Map** [Return to List](#)

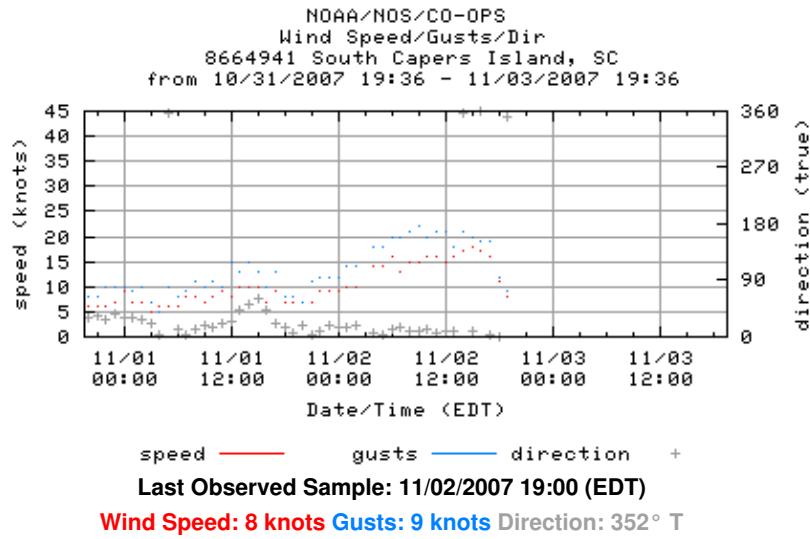


Last Observed Sample: 11/02/2007 19:24 (EDT)

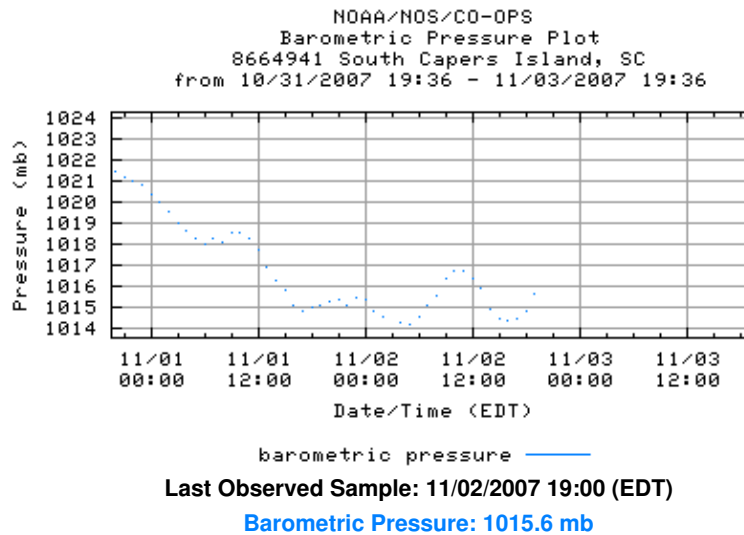
Relative to **MLLW**: **Observed: 3.67 ft. Predicted: 1.97 ft. Residual: 1.70 ft.**

Historical Maximum Water Level: 10/05/1975, 1.67 ft. above **MHHW**

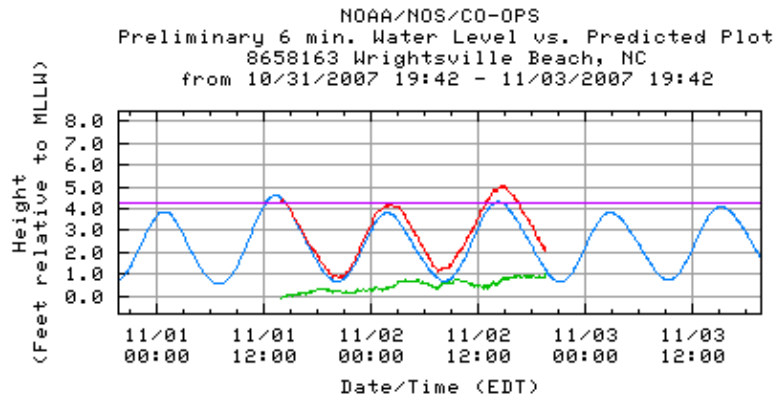
**South Capers Island, SC - Station Map** [Return to List](#)



**South Capers Island, SC - Station Map** [Return to List](#)



**Wrightsville Beach, NC - Station Map** [Return to List](#)



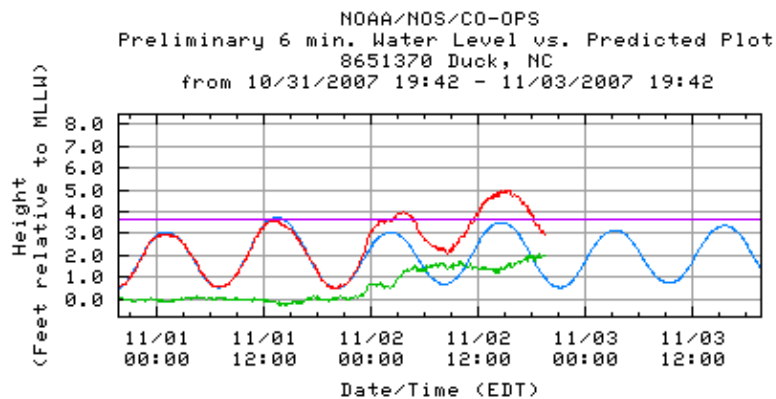
Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 11/02/2007 19:30 (EDT)

Relative to **MLLW**: **Observed: 2.09 ft. Predicted: 1.23 ft. Residual: 0.86 ft.**

Historical Maximum Water Level: n/a

**Duck, NC - Station Map** [Return to List](#)



Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

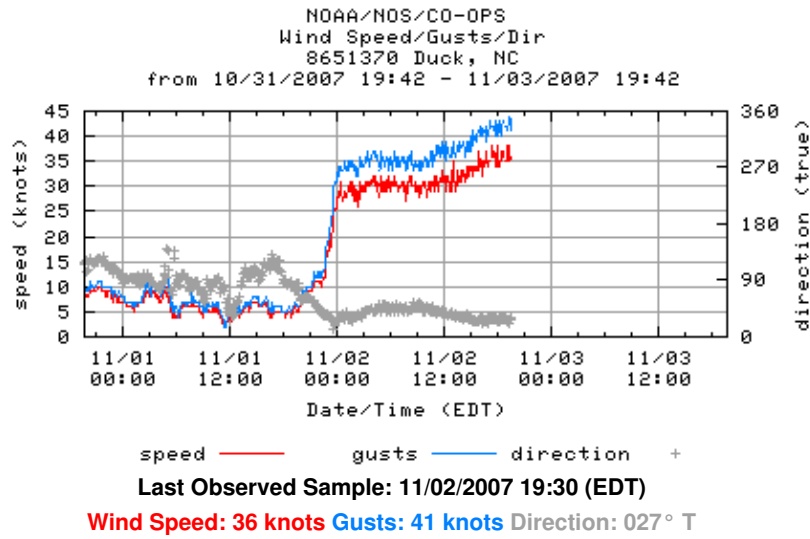
Last Observed Sample: 11/02/2007 19:30 (EDT)

Relative to **MLLW**: **Observed: 2.97 ft. Predicted: 0.95 ft. Residual: 2.02 ft.**

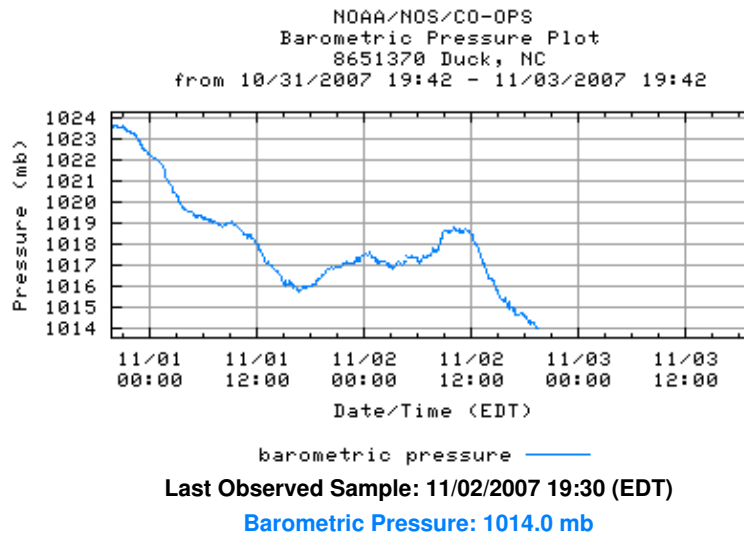
Historical Maximum Water Level: 08/30/1999, 3.23 ft. above **MHHW**



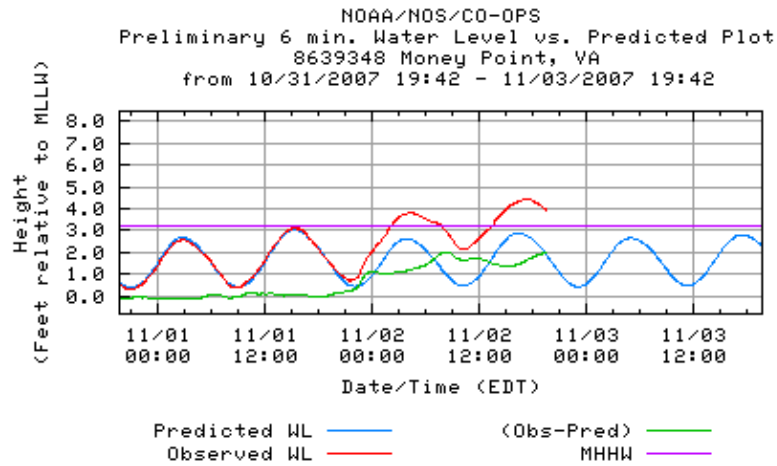
**Duck, NC - Station Map** [Return to List](#)



**Duck, NC - Station Map** [Return to List](#)



**Money Point, VA - Station Map** [Return to List](#)

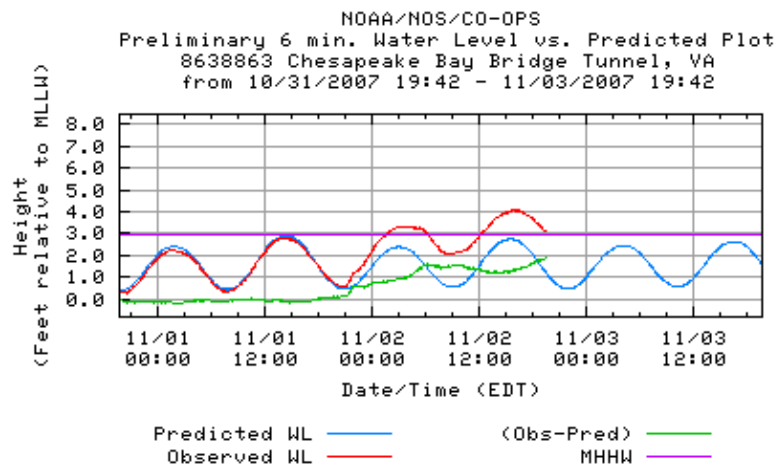


Last Observed Sample: 11/02/2007 19:30 (EDT)

Relative to **MLLW**: **Observed: 3.92 ft.** **Predicted: 1.91 ft.** **Residual: 2.01 ft.**

Historical Maximum Water Level: 02/05/1998, 3.99 ft. above **MHHW**

**Chesapeake Bay Bridge Tunnel, VA - Station Map** [Return to List](#)

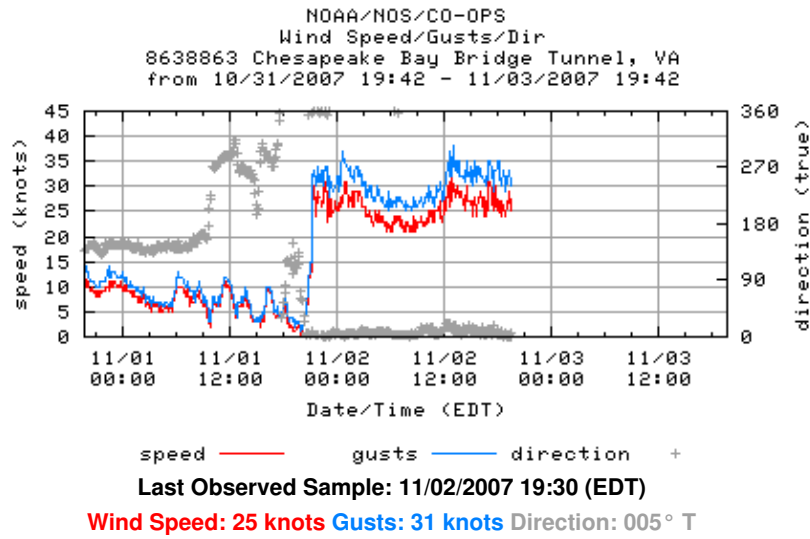


Last Observed Sample: 11/02/2007 19:30 (EDT)

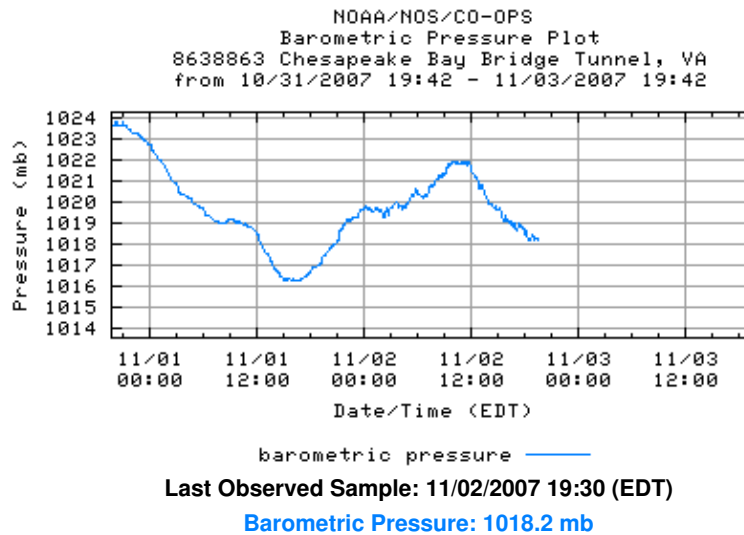
Relative to **MLLW**: **Observed: 3.09 ft.** **Predicted: 1.18 ft.** **Residual: 1.91 ft.**

Historical Maximum Water Level: 02/05/1998, 3.68 ft. above **MHHW**

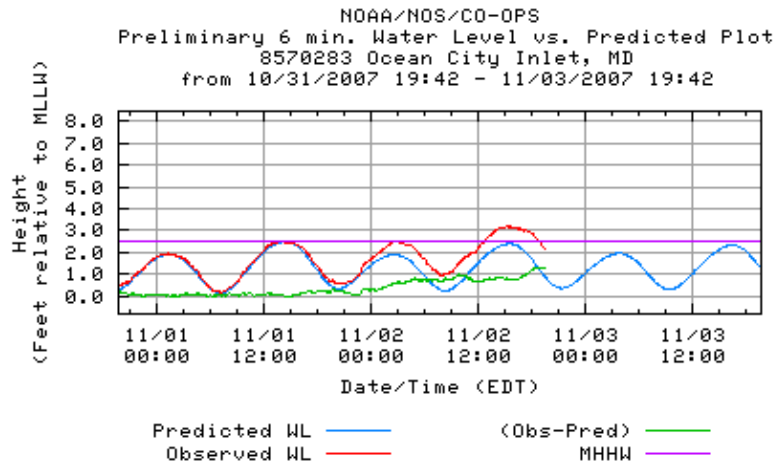
**Chesapeake Bay Bridge Tunnel, VA - Station Map** [Return to List](#)



**Chesapeake Bay Bridge Tunnel, VA - Station Map** [Return to List](#)



**Ocean City Inlet, MD - Station Map** [Return to List](#)

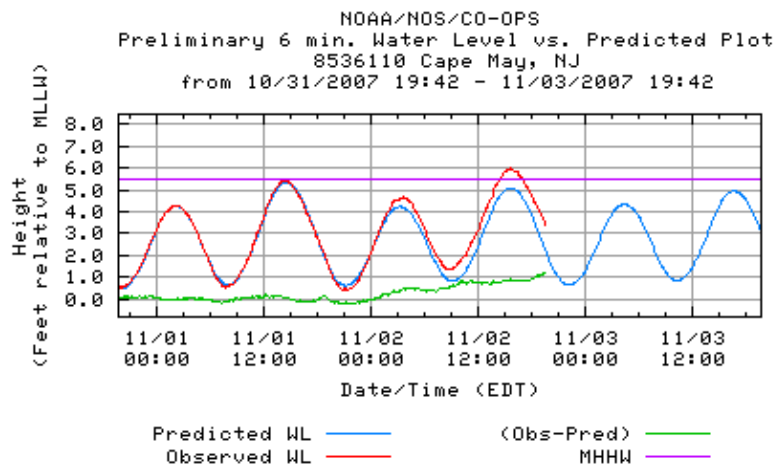


Last Observed Sample: 11/02/2007 19:30 (EDT)

Relative to **MLLW**: **Observed: 2.15 ft. Predicted: 0.87 ft. Residual: 1.28 ft.**

Historical Maximum Water Level: 02/05/1998, 3.57 ft. above **MHHW**

**Cape May, NJ - Station Map** [Return to List](#)



Last Observed Sample: 11/02/2007 19:30 (EDT)

Relative to **MLLW**: **Observed: 3.41 ft. Predicted: 2.24 ft. Residual: 1.17 ft.**

Historical Maximum Water Level: 09/27/1985, 3.36 ft. above **MHHW**

## Hurricane NOEL QUICKLOOK, POSTED 18:00 EDT 11/02/2007

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce